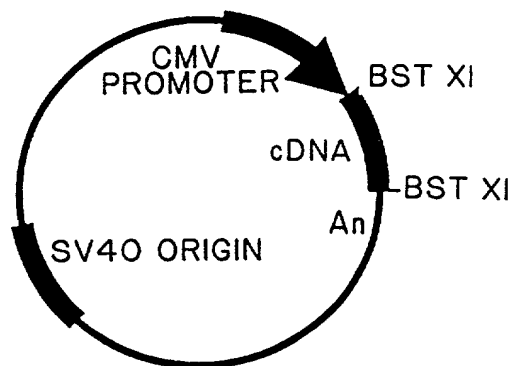
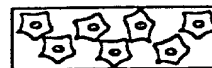


FIG. 1

Divide a cDNA library in a mammalian expression vector into pools of 1000 clones, prepare DNA from each pool



Transfect COS cells directly on microscope slides



Bind [125 I] activin A, wash cells, fix, dip in photographic emulsion



Subdivide bacteria from positive pool and rescreen; repeat until receptor clone is pure

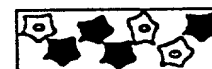


FIG. 2

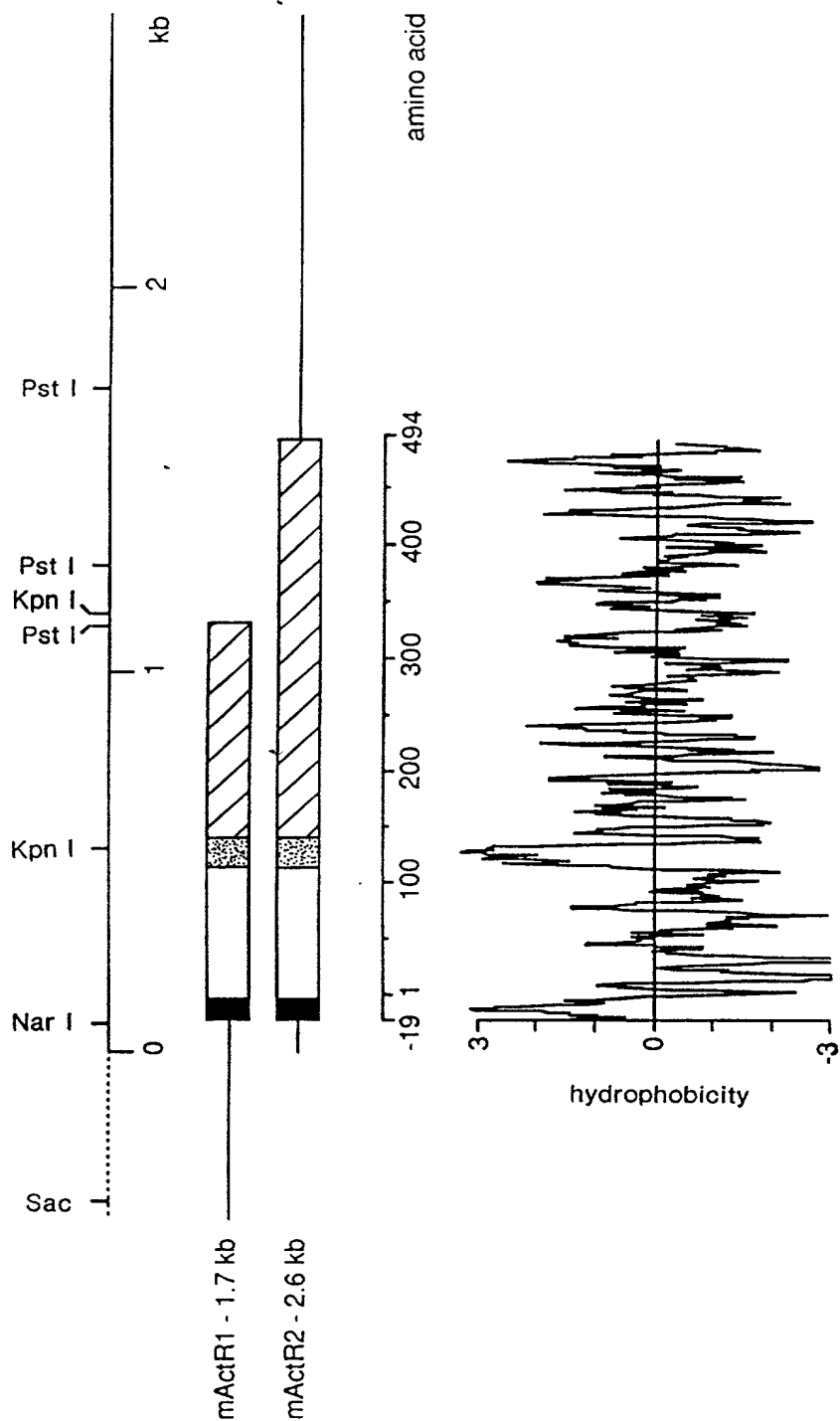


FIG. 3

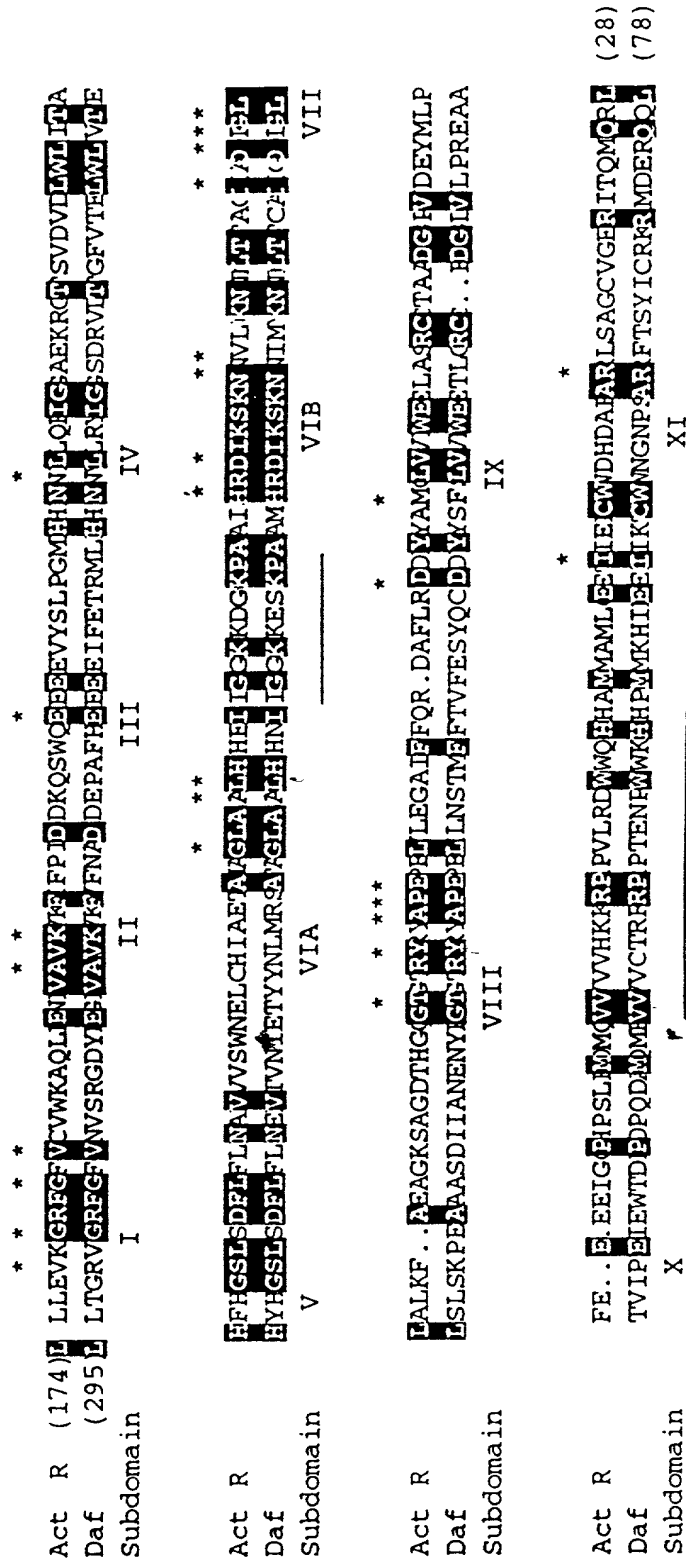


FIG. 4

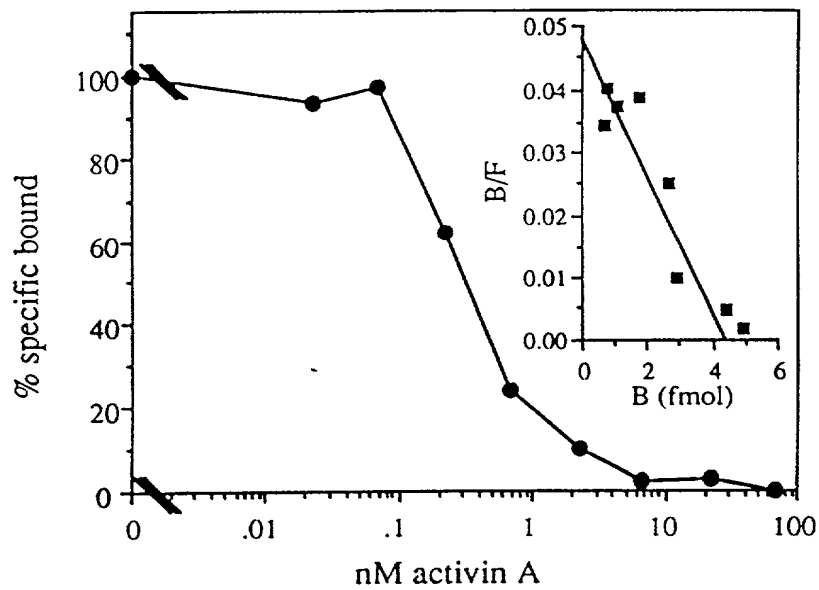


FIG. 5A

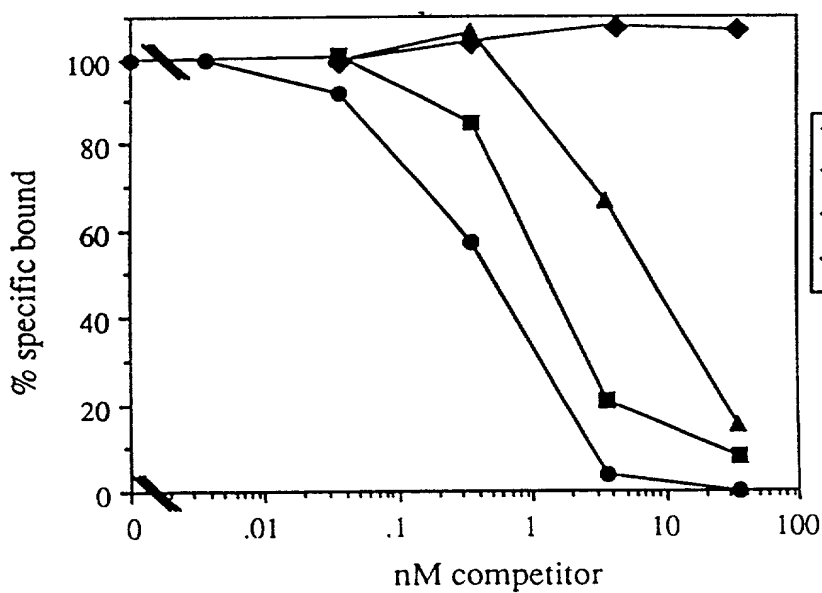


FIG. 5B

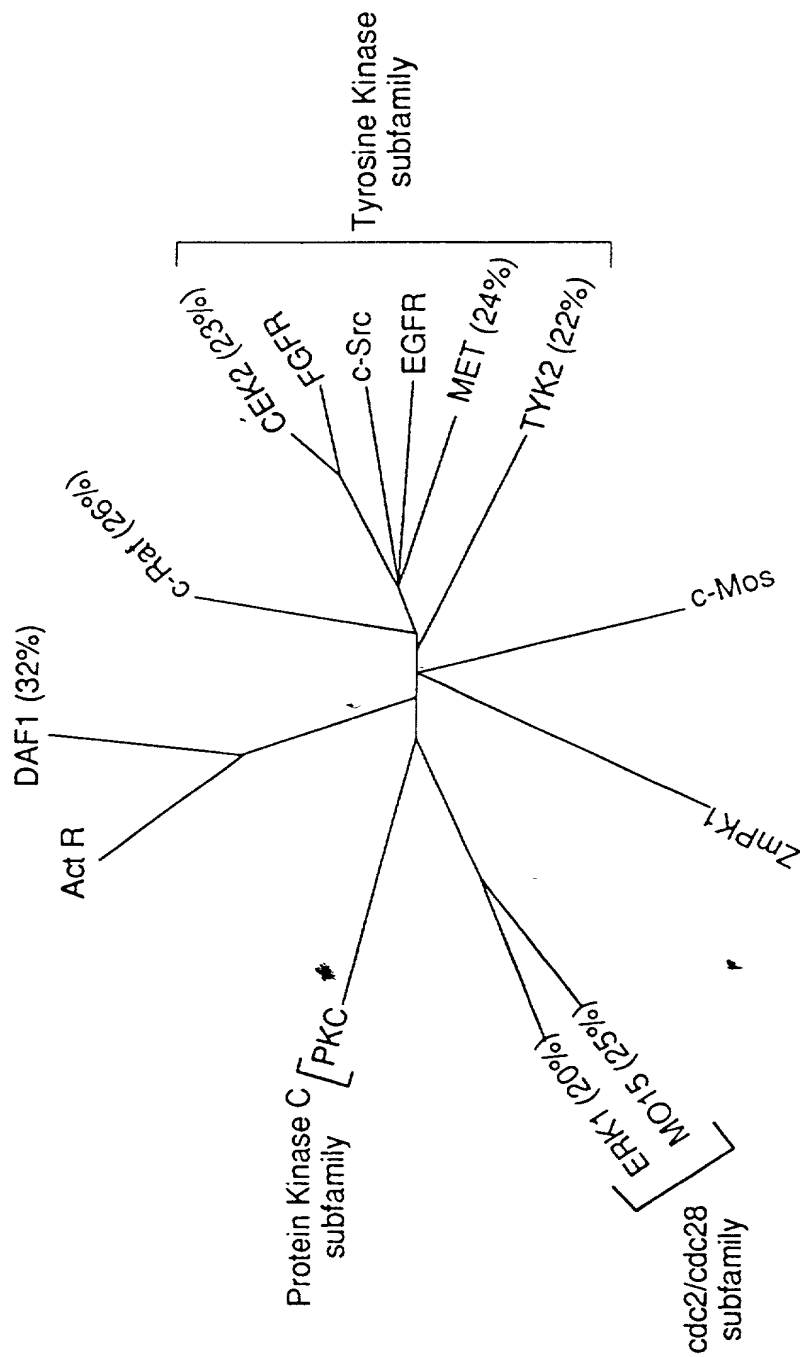


FIG. 6